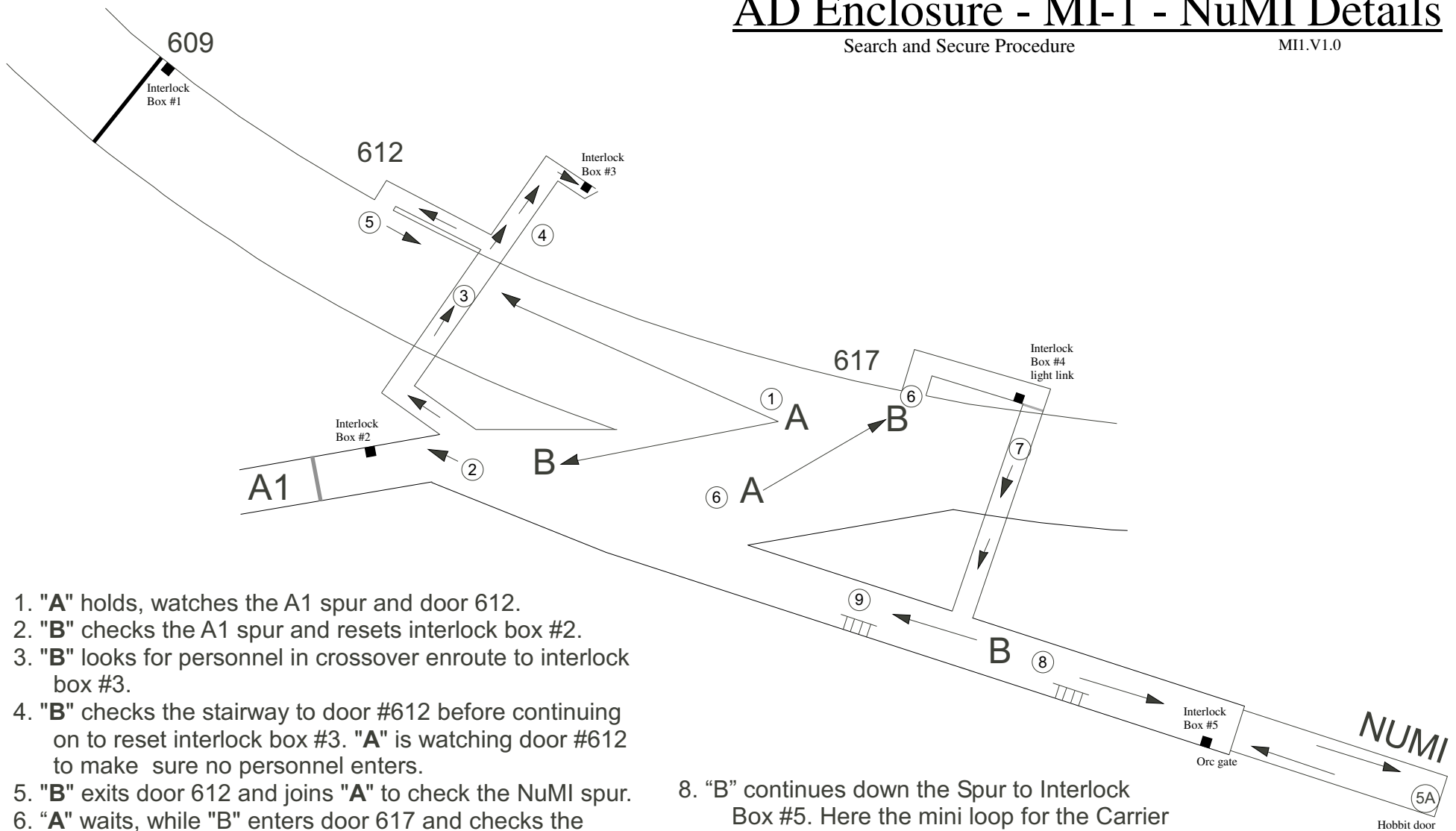Search and Secure Procedure

1. "**A**" and "**B**" enter MI-1 and reset Interlock Box #1.
2. "**A**" holds, while "**B**" resets Box #2, then sweeps the tunnel to reset Box #3, and exits through the 612 door.
3. "**A**" holds while "**B**" goes down the stairs, at door 617 to reset Box #4, a light link, on the way to reset Box #5. If the Mini-loop is dropped, "**B**" will have to sweep the tunnel to reset Box #5A.
4. "**B**" sweeps the NuMI beamline to join "**A**".
5. "**A**" holds while "**B**" resets Boxes #6 and #7, at the MI62 door.
6. "**A**" and "**B**" sweeps the tunnel to Box #8. If the Mini-Loop is good, reset Box #8 and continue. Else, "**A**" holds while "**B**" checks the tunnel to reset Box #8A.
7. "**A**" holds while "**B**" checks the MI 8 tunnel to reset Box #9.
8. "**A**" and "**B**" sweep the tunnel to Box #10. If the Mini-Loop is good, reset Box #10 and continue. Else, "**A**" holds while "**B**" checks the tunnel to reset Box #10A.
9. "**A**" hold while "**B**" resets Box #11
10. "**A**" and "**B**" will reset Box #12 and continue to reset Box #13 and Control Access out of MI-1.

Reviewed AD/RSO	Date
Michael A Gerardi	4-1-09
Approved AD/OPS Dept. Head	Date
	4-2-09

spb 17 Dec 2007
Version 1.0

609
Interlock Box #1
612
Interlock Box #3
5
4
3
617
Interlock Box #4 light link
6
Interlock Box #2
A1
2
A
B
B
A
6
7
A
B
9
B
8
Interlock Box #5
Orc gate
NUMI
5A
Hobbit door

1. **"A"** holds, watches the A1 spur and door 612.
2. **"B"** checks the A1 spur and resets interlock box #2.
3. **"B"** looks for personnel in crossover enroute to interlock box #3.
4. **"B"** checks the stairway to door #612 before continuing on to reset interlock box #3. **"A"** is watching door #612 to make sure no personnel enters.
5. **"B"** exits door 612 and joins **"A"** to check the NuMI spur.
6. "A" waits, while "B" enters door 617 and checks the stairwell to interlock #4, a light link.
7. "B" checks the tunnel to the NuMI Spur.

8. "B" continues down the Spur to Interlock Box #5. Here the mini loop for the Carrier Tunnel is checked. If dropped, "B" checks the Carrier Tunnel to the Hobbit door, and resets Interlock Box #5A.
9. "B" travels back up the Spur to join "A" and they continue with interlocking MI-62.
10. Reminder, the light link drops out after the Sector is secured.